

REMARKS

Receipt of the Office Action of February 9, 2006 is gratefully acknowledged.

Claims 17 - 32 have been examined in this RCE application. Of these, claims 17 - 27 are indicated as allowable and claims 28-32 are rejected as unpatentable under 35 USC 103(a) over McEwan in view of Okubo et al.

To distinguish claims 28 - 32 over the combination of McEwan and Okubo et al, claim 28 has been amended to recite that the control unit includes an algorithm capability for interference calculations of the reflected profile. In this respect claim 28 somewhat parallels claim 17 where the algorithm function is recited.

In view of this amendment to claim 28, it is believed that claims 28 - 32 are allowed as are claims 17 - 27.

The examiner is urged to reconsider this application in view of the amendment to claim 28 and to indicate that claims 28 - 32 are allowed along with claims 17 - 27.

Respectfully submitted,

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